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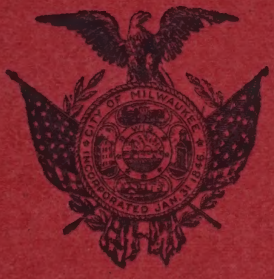
FORTIETH ANNUAL REPORT

OF THE

FIRE DEPARTMENT

OF THE

CITY OF MILWAUKEE



MILWAUKEE, WISCONSIN

1910

COMPLIMENTS OF
THOS. A. CLANCY,
Chief Engineer.

FORTIETH

ANNUAL REPORT

OF THE

Fire Department

OF THE

CITY OF MILWAUKEE

1910

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THE EDW. KEOGH PRESS, MILWAUKEE

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COMMITTEE ON FIRE DEPARTMENT

OF THE

BOARD OF ALDERMEN

WILLIAM COLEMAN, *Chairman*, Alderman-at-Large.

MAX GRASS, Twelfth Ward.

JOHN L. REISSE, Sixth Ward.

FRED BRAUN, First Ward.

WILLIAM J. O'MALLEY, Fourth Ward.

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1910

BOARD OF FIRE AND POLICE COMMISSIONERS

OF THE

CITY OF MILWAUKEE

WILLIAM SCHOEN, *Chairman*,

MICHAEL CARPENTER,

EMANUEL L. PHILIPP,

CHESTER M. WRIGHT.

JAMES D. FOLEY, *Secretary*.

HEADQUARTERS

MILWAUKEE FIRE DEPARTMENT

Chief Engineer and Superintendent Fire Alarm Telegraph.

THOMAS A. CLANCY.

Assistant Chief Engineers,

GEORGGE M. LINKMAN,
Quarters, Engine Co. No. 1,
464-466 Broadway.

LAWRENCE A. HANLON,
Quarters, Chemical Co. No. 8,
438 National Avenue.

LUCAS A. VAN TOOR,
Quarters, Engine Co. No. 16,
2419 Walnut Street.

WILLIAM R. YOUNG,
Quarters, Engine Co. No. 21,
720 Island Avenue.

WILLIAM E. HANRAHAN.
Secretary.

WILLIAM J. SHIELLS.
Stenographer.

Superintendent of Machinery and Apparatus,

THOMAS P. MANION.

Assistant Superintendent Fire Alarm Telegraph,

OSCAR D. KLEINSTEUBER.

Veterinary Surgeon.

DR. JOHN T. UNERTL.

Acting Assistant Chief Engineers,

WILLIAM J. CLANCY,
Quarters, Engine Co. No. 7,
693 Kinnickinnic Avenue.

WILLIAM SHIELDS,
Quarters, Engine Co. No. 20,
103-105 Sixth Street.

REPORT

OF THE

CHIEF ENGINEER

REPORT OF THE CHIEF ENGINEER

FIRE DEPARTMENT HEADQUARTERS.

OFFICE OF THE CHIEF ENGINEER,
CITY HALL.
MILWAUKEE, WIS., Jan. 3, 1911.

To the Honorable the Mayor and Common Council of the City of Milwaukee:

GENTLEMEN:—I herewith present to you, in accordance with law and the usual custom, the fortieth annual report of the Fire Department, and which is my sixth annual report of the same, covering the year 1910.

In this report will be found, in detail, records of the operation of the department with statistical tables of interest to your honorable body and the public in general.

During the year, the department responded to 2,030 alarms, the most for any one year in the history of the city.

In responding to these alarms, the department traveled 11,969 miles, laid 663,500 feet of hose, raised 30,034 feet of ladders and worked 3,048 hours.

The more notable fires occurred as follows:

January 3rd—American Bridge Co., 1730 St. Paul avenue.

January 8th—Downey & Kruse Co., 112 Second street.

February 1st—Plankinton Packing Co., Muskego avenue and Canal street.

February 22nd—Brill Bros.' department store, 214 West Water St.

April 15th—Wallace-Smith Co., 78 West Water street.

June 10th—Seventeenth District school, Dover street and Kinnickinnic avenue.

June 27th—William R. Franzen Co., warehouse, 226 Florida street.

August 18th—Plankinton Packing Co., Muskego avenue and Canal street.

August 25th—The Oppenheim-Bonnem Co., knitting works, 642 Third street.

September 28th—A. Trostel & Sons, tannery, 875 North Water St.

October 29th—Phoenix International Light Co., 317 Chestnut St.

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Five members of the department lost their lives at fires—four at the American Bridge Co., by falling walls, and one at the Phoenix International Light Co., by suffocation. Four citizens also lost their lives by fire during the same period. Three members of the department died from natural causes.

The department was increased by seven additional men for the purpose of giving the chief and assistant chiefs, each, a driver. Thirty-eight men were appointed, thirteen resigned; one discharged, four were pensioned, eighteen were promoted to lieutenants, ten to captains and six to engineers.

Twenty-one horses were purchased at a cost of $5,665.00; ten thousand feet of hose was contracted for, to cost $7,690.00. This hose will be delivered early in the new year. Fire Boat No. 17 received a general overhauling at a cost of $8,488.86. Two engines were equipped with new boilers at a cost of $2,300.00. Four engines were equipped with rubber tires at a cost of $1,958.80. 60,944 feet of conduit was laid and 120 manholes were constructed. Two galvanized iron conduits were laid under the river, from Broadway to Cape street; forty street boxes were installed, of which five are owned by private parties; twenty-five combination box posts were set up; 4,316 feet of cable laid and ten miles of wire strung.

A new index card system for fire alarm boxes was installed at all engine houses.

The department was called upon twenty-three times to render assistance outside of the city.

Your attention is called to the reports and tables submitted by the officers of sub-departments, appended hereto.

In conclusion, I desire to return my sincere thanks to his honor, the mayor, to all other city officials ,and to the officers and members of the department for the courteous attention received by their assistance.

Respectfully submitted,

THOMAS A. CLANCY,
Chief Engineer.

REPORT

OF THE

SECRETARY

REPORT OF THE SECRETARY

SECRETARY'S OFFICE.

MILWAUKEE, WIS., Jan. 3rd, 1911.

Thomas A. Clancy, Esq., Chief Engineer:

DEAR SIR:—I herewith submit my annual report for the year ending December 31st, 1910, giving in detail the number of alarms received, the number of actual fires, causes of same, losses and insurance on buildings and contents, value of property exposed, miles traveled, hours worked, hose laid, ladders raised, together with accidents and mortality to members of the department; the present force, the position and residence of each member and other information pertaining to this office.

Respectfully submitted,

WILLIAM E. HANRAHAN,

Secretary.

TABLE

Showing by Months the Amount of Insurance Loss, Total Insurance and Total Valuation of Property Exposed in 1910.

MONTHS.	No. of Alarms.	Insurance Loss.		Total.	Insurance on		Total.	Valuation of		Total.
		Buildings	Contents.		Buildings	Contents.		Buildings	Contents.	
January	200	$13,202.69	$ 59,186.71	$ 72,389.40	$1,225,300	$1,636,850	$2,862,150	$1,796,410	$2,331,390	$4,127,800
February	174	67,755.81	109,566.02	177,321.83	972,900	1,877,400	2,850,300	1,297,225	2,622,025	3,919,250
March	162	6,346.25	6,596.09	12,942.34	1,239,300	729,750	1,969,050	1,544,120	910,450	2,454,570
April	141	8,994.35	41,849.41	50,843.76	502,400	884,400	1,386,800	721,235	1,154,555	1,875.790
May	133	5,024.31	4,537.45	9,561.76	654,575	1,164,075	1,818,650	903,155	1,484,375	2,387.530
June	147	15,204.70	14,388.15	29,592.85	1,082,225	511,005	1,593,230	1,790,850	839,940	2,630,790
July	231	13,186.72	9,889.13	23,075.85	1,038,025	466,700	1,504,725	1,372,740	622,930	1,995,670
August	152	29,694.02	168,707.55	198,401.57	1,998,770	1,551,080	3,549,850	2,636,580	2,104,590	4,741,170
September	139	33,249.11	67,072.17	100,321.28	2,348.975	840,200	3,189,175	3,470.900	1,087,075	4,557,975
October	174	18,239.70	27,217.40	45,457.10	1,730,800	770,800	2,501,600	2,178,925	1,011,200	3,190,125
November	181	27,660.14	8,213.98	35,874.12	1,126,200	481,870	1,608,070	1,414,350	720,250	2,134,600
December	196	27,090.33	40,357.18	67,447.51	956,485	656,315	1,612,800	1,294,535	862,895	2,157,430
Total	2030	$265,648.13	$557,581.24	$823,229.37	$14,875,955	$11,570,435	$26,446,390	$20,421,025	$15,751,675	$36,172,700

Number of actual fires	1,539
Total loss	$896,741.37
Average insurance loss per fire	$534.26
Average actual loss per fire	$582.68

AVERAGE LOSS FOR EACH MONTH OF 1910.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Not to exceed $10	105	103	80	69	71	59	89	73	66	78	76	78	947
From $10 to $50	14	17	18	13	13	21	38	17	15	12	22	24	224
From $50 to $100	6	5	6	3	8	6	12	9	6	7	12	15	95
From $100 to $1,000	23	14	19	16	17	16	28	7	13	23	18	18	212
From $1,000 to $5,000	6	3	.....	3	2	.....	7	4	.....	2	7	7	41
From $5,000 to $10,000	.....	2	1	.....	.....	2	.....	.....	.....	.....	.....	1	6
From $10,000 to $20,000	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	1	1	4
From $20,000 to $30,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	2
From $30,000 to $40,000	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1
From $40,000 to $50,000	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	2
From $50,000 to $60,000	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
From $60,000 to $70,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
From $70,000 to $80,000	.....	2	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	3
Over $100,000	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1
Total	156	146	124	105	111	106	174	112	101	123	136	145	1539

TABLE

Showing the Number of Alarms in Each Month for the Year 1910.

	Box Alarms.	Telephone Alarms.	Still Alarms.	Second Alarms.	Third Alarms.	General Alarms.	Special Alarms.	Total Alarms 1910.	Total Alarms 1909.	Increase 1910.	Decrease 1909.	Actual Fires.
January	66	65	60	4	1	.....	4	200	198	2	.....	156
February	60	65	42	2	2	.....	3	174	111	63	.....	146
March	63	73	25	.....	1	.....	.....	162	90	72	.....	124
April	59	62	16	2	.....	.....	2	141	133	8	.....	105
May	63	57	13	.....	.....	.....	.....	133	111	22	.....	111
June	64	59	16	3	1	.....	4	147	110	37	.....	106
July	116	79	29	1	.....	.....	6	231	220	11	.....	174
August	61	59	23	3	3	.....	3	152	112	40	.....	112
September	56	55	25	1	1	.....	1	139	101	38	.....	101
October	69	71	30	2	.....	.....	2	174	218	.....	44	123
November	80	77	19	2	.....	.....	3	181	141	40	.....	136
December	77	81	29	4	1	.....	4	196	228	.....	32	145
Total	834	803	327	24	10	.....	32	2030	1773	333	76	1539

CAUSES OF ALARMS.

Acid	1
Boilers	3
Boiling over of grease, tar, lard, etc	25
Burning rubbish	89
Back fires on automobiles	7
Chimney fires	121
Carelessness with matches	112
Cigars and pipes	30
Children playing with matches or fire	55
Candles	16
Christmas trees	2
Calls on account of accidents	59
Calls on account of coal fires	104
Cupolas	5
Defective Chimneys	16
Defective furnaces and stove pipes	44
Defective fire places	4
Defective furnaces	17
Escaping gas	12
Escaping smoke	28
Electric wires	28
Electric motors and controllers	29
Escaping oil	33
Explosion of oil	8
False Alarms	36
Fire works	35
Forges	1
Friction	7
Gas jets	13
Gas, gasoline and oil stoves	62
Grass fires	32
Hot ashes	33
Hot iron and metal	9
Incendiary, known and supposed	14
Lamps and lanterns	18
Lightning	30
Outside of city limits	22
Oily rags and waste	29
Re-kindling of fires	4
Spontaneous combustion	39
Stoves and ovens	52
Salamanders	7
Smoke houses	8
Sparks from locomotives, smokestacks, etc	67
Steam pipes	10
Sparks from matches	15
Sparks from fires	3
Thawing pipes	14
Torches	14
Unknown	117

TABLE

Showing the number of alarms responded to by each Company, number of miles traveled, number of fires extinguished alone, time on duty at fires, time out of quarters, number of feet of hose laid, and the number of feet of ladders raised during the year 1910.

COMPANIES.	No. of Alarms Responded to	Time on Duty at Fires.		Time Out of Quarters.		No. of Miles Traveled.	No. of Feet of Ladders Raised.	No. of Feet of Hose Laid.	No. of Feet of Chemical Hose Laid.
		Hours.	Minutes	Hours.	Minutes				
Engine Company No. 1	240	78	40	114	50	232¼	.....	22,450	.....
Engine Company No. 2	197	89	10	123	11	197¾	.....	30,150	10,450
Engine Company No. 3	141	59	45	96	25	210½	.....	20,250	.....
Engine Company No. 4	254	94	40	133	21	301½	.....	30,100	.....
Engine Company No. 5	203	69	20	124	32	327½	.....	24,200	15,200
Engine Company No. 6	105	40	10	70	55	181¾	.....	18,350	.....
Engine Company No. 7	168	55	51	121	45	329½	.....	18,700	.....
Engine Company No. 8	167	35	40	78	41	273½	.....	20,650	.....
Engine Company No. 9	139	62	40	103	49	198	.....	18,350	.....
Engine Company No. 10	180	68	25	109	25	233¾	.....	23,050	.....
Engine Company No. 11	114	37	18	86	22	239½	.....	11,400	.....
Engine Company No. 12	195	65	25	105	45	378	.....	19,100	.....
Engine Company No. 13	126	35	10	60	10	225	.....	9,200	.....
Engine Company No. 14	115	43	10	82	6	249½	.....	10,700	.....

Engine Company No. 15	148	57	.....	129	30	217	.....	42,450	.....
Engine Company No. 16	144	29	20	87	10	253½	.....	11,650	.....
Engine Company No. 17	30	11	5	56	25	83¾	.....	4,850	.....
Engine Company No. 18	120	29	20	54	20	256	.....	11,750	5,750
Engine Company No. 19	121	65	20	92	25	184½	.....	23,050	.....
Engine Company No. 20	274	110	50	157	55	341	.....	32,400	18,200
Engine Company No. 21	147	34	.....	70	25	274	.....	15,150	.....
Engine Company No. 22	79	10	5	29	45	116¼	.....	7,000	1,950
Engine Company No. 23	80	40	10	85	45	141	.....	20,550	.....
Engine Company No. 24	83	31	30	53	50	137½	.....	10,050	7,350
Engine Company No. 25	78	36	30	75	20	135¼	.....	9,550	1,600
Engine Company No. 26	116	45	35	76	22	256¾	.....	11,300	3,450
Engine Company No. 27	70	29	35	47	25	130¾	.....	8,100	2,500
Engine Company No. 28	93	52	45	89	35	176	.....	18,350	.....
Engine Company No. 29	165	61	24	130	2	318¼	.....	35,900	.....
Truck Company No. 1	215	95	10	134	40	227¼	2,890	.....	.....
Truck Company No. 2	245	122	10	172	30	248	3,796	.....	.....
Truck Company No. 3	246	122	45	190	45	417½	3,719	.....	.....
Truck Company No. 4	233	146	50	207	25	421½	5,118	.....	.....
Truck Company No. 5	89	54	20	79	5	148¼	868	.....	.....
Truck Company No. 6	76	48	10	68	20	152¾	1,784	.....	.....
Truck Company No. 7	172	72	40	133	26	408¾	1,885	.....	.....
Truck Company No. 8	103	95	25	118	2	149½	2,092	.....	.....
Truck Company No. 9	124	41	10	75	35	237¼	1,286	.....	.....

Showing the number of Alarms responded to by each Company—Continued.

COMPANIES.	No. of Alarms Responded to.	Time on Duty at Fires.		Time Out of Quarters		No. of Miles Traveled.	No. of Feet of Ladders Raised.	No. of Feet of Hose Laid.	No. of Feet of Chemical Hose Laid.
		Hours.	Minutes	Hours.	Minutes				
Truck Company No. 10	89	47	40	82	.....	170¼	1,317	.....	.....
Truck Company No. 11	114	59	20	94	25	254¾	1,001	.....	.....
Truck Company No. 12	68	19	55	37	29	135¼	777	.....	.....
Truck Company No. 13	180	97	55	141	54	210	3,501	.....	.....
Chemical Company No. 1	275	74	15	140	30	308¼	.....	.....	20,100
Chemical Company No. 4	168	101	20	144	30	285	.....	.....	9,250
Chemical Company No. 5	105	40	35	72	40	201½	.....	.....	5,750
Chemical Company No. 6	66	47	5	63	20	117½	.....	.....	4,500
Chemical Company No. 7	164	75	.....	121	25	361¾	.....	.....	10,850
Chemical Company No. 8	113	64	35	99	49	199¼	.....	.....	7,850
Boat Wagon No. 15	94	33	47	76	57	242½	.....	.....	.....
Boat Wagon No. 17	36	1	40	75	10	87½	.....	.....	.....
Boat Wagon No. 23	160	40	35	88	5	261½	.....	.....	.....
Boat Wagon No. 29	151	49	45	93	20	186½	.....	.....	.....
Water Tower	12	19	25	23	55	25	.....	.....	.....
Total	.....	3048	45	5107	38	11,969¼	30,034	538,750	124,750

In Memoriam

JOHN J. HENNESSEY,
Captain, Engine Company No. 4.

Killed at the American Bridge Works fire, by falling walls, January 3rd, 1910. Appointed a member of the department, July 4th, 1896.

DOMINICK O'DONNELL,
Lieutenant, Engine Company No. 4.

Killed at the American Bridge Works fire, by falling walls, January 3rd, 1910. Appointed a member of the department July 3rd, 1901.

JOSEPH J. SULLIVAN,
Pipeman, Engine Company No. 4.

Killed at the American Bridge Works fire, by falling walls, January 3rd, 1910. Appointed a member of the department October 24th, 1908.

WILLIAM FOLEY,
Pipeman, Engine Company No. 4.

Killed at the American Bridge Works fire, by falling walls, January 3rd, 1910. Appointed a member of the department December 24th, 1908.

JOSEPH P. LAVERY,
Harness Maker.

Died of pneumonia March 6th, 1910. Appointed a member of the department February 13th, 1904.

EDWARD WINKLER,
Truckman, Truck Company No. 1.

Died of tonsilitis September 10th, 1910. Appointed a member of the department December 24th, 1908.

ALFRED KRIMMER,
Truckman, Truck Company No. 1.

Died October 20th, 1910, from suffocation, by falling through scuttle hole of burning building at No. 317 Chestnut street. Appointed a member of the department January 15th, 1910.

FRANK J. DELANEY,
Pipeman, Engine Company No. 6.

Died of enlargement of glands in neck, November 23rd, 1910. Appointed January 1st, 1910.

CASPER DUSOLD,
Pensioner.

Died of old age, April 3rd, 1910; appointed, May 7th, 1862; pensioned, January 1st, 1902.

JOSEPH F. O'NEILL,
Pensioner.

Died of complications, April 7th, 1910; appointed, August 17th, 1885; pensioned, April 1st, 1908.

WILLIAM KOCH,
Pensioner.

Appointed, March 1st, 1884; pensioned, January 1st, 1906; died, November 4th, 1910; cause, complications.

ACCIDENTS.

Some of the more serious accidents to members of the department, during the year, were:

HERMAN ZIEBARTH—Driver to Assistant Chief, sprained ankle by fall while working at a fire. Off duty thirty days.

JOSEPH SCHWEITZ—Driver, Engine Company No. 2, kicked by a horse. Off duty twenty-seven days.

ARTHUR J. GILBERT—Driver, Engine Company No. 4, injured his leg while in company quarters. Off duty sixteen days.

WILLIAM O'NEILL—Lieutenant, Engine Company No. 8, fractured bone in hand while working at a fire. Off duty twenty-five days.

WILLIAM J. BENDER—Captain, Engine Company No. 9, fractured ribs and bruised shoulder while working at a fire. Off duty eighty-seven days.

J. M. HOULAHAN—Lieutenant, Engine Company No. 9, sprained ankle coming done pole in quarters. Off duty twenty-two days.

WILLIAM FOLEY—Assitsant Engineer, Engine Company No. 10, dislocated elbow at company quarters. Off duty sixty-four days.

FRANK MYSZEWSKI—Pipeman, Engine Company No. 11, legs bruised while working at fire. Off duty twenty-four days.

FRANK H. MELKA—Pipeman, Engine Company No. 12, head and body bruised while working at fire. Off duty twenty days.

JOHN C. MATTICK—Pipeman, Engine Company No. 12, concussion of chest in collision while responding to an alarm of fire. Off duty seventeen days.

CHARLES HANNIG—Captain, Engine Company No. 14, fractured leg while sliding down pole in responding to a night alarm. Off duty one hundred and fifty-four days.

EDWARD LOEFFLER—Lieutenant, Engine Company No. 17, fractured bone of foot while working at a fire. Off duty seventy days.

WILLIAM SHIELDS—Captain, Engine Company No. 20, thrown from buggy, while acting in the capacity of assistant chief, in responding to a night alarm, and was seriously injured about the hips. Off duty sixty-four days.

JOHN DECKERT—Driver, Engine Company No. 22, dislocated shoulder while responding to an alarm of fire. Off duty twenty days.

Fred J. Huebner—Lieutenant, Engine Company No. 28, sprained back while lifting in quarters. Off duty seventy-six days.

Terrence O'Donnell—Driver, Truck Company No. 1, fractured hand in falling from apparatus. Off duty thirty-two days.

Steve Hecht—Truckman, Truck Company No. 1, was injured while at pompier drill at quarters. Off duty fifty-five days.

Emil Heckner—Truckman, Truck Company No. 3, foot crushed by truck. Off duty thirty-two days.

John Skorzewski—Truckman, Truck Company No. 4, ribs fractured and shoulder bruised while working at a fire. Off duty twenty days.

Ernst Boettcher—Driver, Truck Company No. 4, arm bruised by being run over while exercising horses. Off duty eighteen days.

Conrad Schoenfeld—Pipeman, Truck Company No. 6, legs bruised by falling wall while working at fire. Off duty sixteen days.

Anton Olson—Lieutenant, Truck Company No. 6, leg broken by falling wall, while working at fire. Off duty seventy-six days.

Edward C. Knuth—Truckman, Truck Company No. 9, foot injured by being run over by apparatus. Off duty twenty-seven days.

Jacob B. Reik—Lieutenant, Truck Company No. 10, leg fractured by falling through an elevator shaft while working at fire. Off duty sixty-one days.

PROMOTIONS.

With the approval of the Board of Fire and Police Commissioners, the following promotions were made, viz:

From Lieutenants to Captains:

Wm. E. Brown.
Patrick Clarey,
George B. Davis,
Benjamin Hentz,
Edward McDermott,
John Olsen,
Emil Peterson,
Benjamin Shupe,
Matt. Wagner,
John Weis.

From Pipemen to Lieutenants:

James Burke,
James P. Cassin,
John P. Conroy,
Eugene Hackett,
John Houlahan,
Daniel Harrington,
Wm. E. Hendricks,
Ralph Hainke,
Albert Jordan,
Frank C. Jaroch,
John Maroney,
Boetius Murphy,
James W. McCarthy,
Carl Plath,
John E. Scanlon,
Wm. Striebel,
George Toland,
Herman Ziebarth.

From Assistant Engineers to Engineers:

John J. Code,
Otto F. Jancen,
Lorenz Kress, Jr.,
Henry E. Peters,
John J. Reddy,
Thos. E. Rutherford.

Donations to the Firemen Relief Association, in appreciation of services rendered by the department, were received from the following:

Wm. Lorenz	$ 5.00
Ellen C. Inbusch	5.00
Village of West Milwaukee	75.00
Milwaukee Hay Tool Co.	50.00
C. Niss & Sons	50.00
The Wallace-Smith Co.	100.00
Nordberg Mfg. Co.	50.00
Patton Paint Co.	50.00
Wm. E. Trowbridge	50.00
Total	$ 435.00

With the approval of the Pension Board, the following members of the department, and widows, were placed on the pension roll:

Paul Malzahn, lieutenant.
James Mahegan, assistant engineer.
Ernst G. Boettcher, driver.
Wm. Heney, pipeman.
Mary C. Hennessey, widow.
Tena Sullivan, widow.
Mary A. O'Neill, widow.
Catherine Dusold, widow.
Albertina Koch, widow.

During the year there occurred five deaths of parties who were receiving pensions, three being retired members, one a widow and one minor child.

The amount of money paid to pensioners, during the year, was $39,435.08.

The department pension rolls contain the names of:

36 retired members.
48 widows.
31 minor children.
1 daughter.

FIRE HYDRANTS.

The Commissioner of Public Works reports hydrants placed during the year and the number now in service as follows:

	Double Nozzle	Single Nozzle
Added by Annexation, West Side	2	89
Added by Annexation, South Side	2	20
Previous to 1910	1,658	1,342
Total	1,662	1,451
Discontinued during 1910	2	1
Total January 1, 1911	1,660	1,450

Total Number of Hydrants in Service Jan. 2, 1911: 3,110

THE FORCE OF THE DEPARTMENT CONSISTS OF

Chief Engineer and Superintendent Fire Alarm Telegraph	1
First Assistant Chief Engineer	1
Assistant Chief Engineers	5
Superintendent of Machinery and Apparatus	1
Captains	38
Lieutenants	42
Engineers	33
Assistant Engineers	25
Firemen	10
Pilots	8
Secretary	1
Stenographer	1
Pipemen	144
Truckmen	80
Drivers	70
C. Drivers	7
Assistant Superintendent Fire Alarm Telegraph	1
Chief Operator	1
Chief Electrical Repairer	1
Operators	6
Chief Lineman	1
Linemen	5
Repair Shop Corps	19
Veterinary	1
Chief Examiner	1
Total Membership	503

EXPENDITURES.

Salaries and pensions	$ 584,308.56
Hay, oats and bran	22,138.00
Hose	12,333.39
Stove coal	6,919.31
Steam coal for fire boats	4,962.95
Steam coal for engines and shop	1,974.54
Horses	5,665.00
Engine boilers	2,300.00
Rubber tires for apparatus	1,958.80
Steam heating plants	1,540.00
General repairs to fire boat No. 17	8,488.86
Furnace repairs to fire boat No. 15	2,700.00

Boiler repairs to fire boat No. 29	1,700.00
Horse shoeing	5,891.49
Rentals	4,653.45
Water	1,411.25
Gas and electric light	1,331.92
Soda, acid and oils	1,315.02
City Hall current	707.07
Steam heat	623.57
Interest	601.99
Horse medicine	621.25
Bedding and furniture	748.69
Gasoline	239.05
Salaries and underground work	8,386.46
Fire alarm boxes and keyless doors	7,200.00
Conduits	2,580.81
Dredging and docking	1,822.50
Pipe and wire	1,715.28
Supplies and underground work	3,203.74
Telephone rentals, etc	537.23
General supplies, fire alarm telegraph	2,420.36
General repairs to buildings	6,777.57
General repairs to pipe lines	461.07
General repairs to fire cisterns	308.32
General supplies for houses and shop	14,193.54
Total	$ 724,741.04

REPORT

OF THE

ASSISTANT SUPERINTENDENT FIRE ALARM TELEGRAPH

REPORT OF FIRE ALARM TELEGRAPH

OFFICE OF ASSISTANT SUPERINTENDENT.

MILWAUKEE, WIS., Jan. 3, 1911.

Thomas A. Clancy, Esq., Chief Engineer:

SIR:—I have the honor to present my annual report of the fire alarm telegraph system for the year ending December 31st, 1910:

ALARM SYSTEM.

During the past year, the grand total of alarms received and transmitted by the operators was 2,030 as against 1,773 alarms the preceding year.

The following is a condensed summary thereof:

Box Alarms	836
Telephone Alarms	809
Still Alarms	329
Total	1,974

In addition to these, there were twenty-three second and ten third alarms, also twenty-three special calls for additional apparatus were received, making a grand total of 2,030 alarms.

Alarams received, 1910	2,030
Alarams received, 1909	1,773
Increase	257

Forty alarm boxes were added, five of which were purchased by private parties.

The total number of alarm boxes in service is 665, distributed on thirty metallic circuits, classified as follows:

Asylums	2
Car barns	3
Coal yards	2
Colleges	2

Convents	2
Depots	2
Elevators	3
Engine houses	33
Freight depots	4
Halls	7
Hospitals	12
Hotels	11
Industrial school	3
Infirmaries	2
Manufacturing plants	82
Public schools	59
Soldiers' home	1
Stables	3
Stock yards	1
Street boxes	407
Theaters	14
Trust companies	2
Warehouses	4
Wholesale houses	4
Total	665

During the year, the work of changing the balance of key doors to keyless doors has been completed. Valuable time is now saved which would be otherwise lost by persons trying to locate a key.

They are tabulated as follows:

Keys attached, engine houses	34
Keyless doors	520
Key guards	111
	665

Twenty-four box posts were added to the system, making a total of 174 now in service.

The card index system, arranged and printed in this department, was put in service during the year. A total of 25,347 cards and fifty-one cases were necessary to equip the entire Fire Department. To improve and perfect the running system, Assistant Chief Lawrence Hanlon and Chief Operator Edward Maguire were detailed to assist me in this important work. Its value has been established from the day it was

introduced and is recognized today as the most popular running system in use. Its total cost amounted to $775.00.

Thirty-one miles of wire have been added to the alarm system, making a total of 741 miles in service.

ELECTRICAL POWER.

The battery or source of current required to operate the alarm system involves 1,642 cells of storage and 333 cells of dry batteries, making a total of 1,975 cells in constant service.

Truck Houses Nos. 4 and 7 and Engine House No. 6 were connected with the direct central storage battery located at the city hall. The dry cells, formerly used to operate their apparatus, have been dispensed wih.

The following companies now receive direct battery power from the city hall:

Nos. 1, 2, 3, 4, 5, 6, 7, 10, 14, 15, 19, 20, 21, 23, 25; and Trucks Nos. 1, 2, 3, 4, 7 and 8; also Chemical No. 8 and Insurance Patrol No. 2.

The remaining houses, now depending on the dry cells, will be put in connection with the direct central storage battery as soon as the underground cables are extended to them.

The electrical energy, supplies by the city hall dynamos for re-charging the storage cells, has been very satisfactory at all times.

UNDERGROUND CONDUITS WITH CABLES.

Extensive underground work has been done during the past year principally in streets where permanent pavements were ordered laid.

An important improvement to the underground system was the laying of two 2½ inch galvanized iron pipes, twenty-eight feet under the Milwaukee river, from Broadway and North Water street to Cape and Ship streets.

It is the intention to lay a cable having a capacity of forty conductors from the city hall, through this pipe, connecting all alarm boxes as well as engine houses comprising the district between Cherry street north to the city limits and from Third street east to the Milwaukee river. Conduits for this improvement are completed between the city hall and Walnut street and Island avenue.

COMPARATIVE STATEMENT SHOWING CONDUITS LAID DURING YEAR 1910.

LOCATION.

East side	9,487	feet
West side	29,863	"
South side	22,242	"
Under Milwaukee river	752	"
Grand total	62,344	"

TABLE SHOWING CABLES LAID DURING YEAR 1910.

LOCATION.

On Johnson street, from River to East Water streets	313	feet
" National avenue, from Seventh to Fourteenth avenues	3,026	"
" Thirtieth street, from Thirtieth street to Engine House No. 28	1,290	"
Total	4,629	"

In addition to this cable work, 18,500 feet of lead-covered rubber-insulated duplex wire has been utilized in connecting leads from main cables to the alarm boxes, also replacing a part of the deteriorated rubber wire which has been in service with the pipe system for more than fifteen years.

The ten-conductor cable on Chicago street, between Broadway and East Water street and on East Water street, from Chicago street to Engine House No. 15, had to be taken up and re-laid. This work became necessary to allow the laying of the new thirty-six inch water main.

A 100-conductor cable on Everett street, between Second and Third streets, was damaged by careless workmen employed by the Western Union Telegraph Co., in laying their conduits in close proximity to the Fire Department conduits. The cable was taken up, repaired and drawn back into the conduit. During the time the cable was out of commission, temporary connections with Engine Houses Nos. 9, 20, 23 and 28 and seventy-six alarm boxes were made over the Grand avenue cable. The damage to conduit, cable and time expended by this department, in making repairs, was settled satisfactorily by the Western Union Telegraph Co.

Several minor cable troubles, experienced during the past year, were quickly repaired, thereby causing no serious interruption to the workings of the Fire Department.

All the underground cables are in first-class condition and, to further increase the efficiency of the alarm system, I would recommend its extension in various parts of the city in conduits already laid.

The total mileage of underground cable in use amounts to fifty miles and 423 feet.

REPAIRS.

A large amount of repair work has been done in the electrical repair shop. Registers, gongs, weight boxes, alarm boxes, keyless doors and other apparatus connected with the alarm system have been attended to in a very satisfactory manner. In conjunction with these repairs a considerable amount of apparatus, pertaining to the fire alarm office, has been thoroughly overhauled so as to insure the best possible service.

Careful inspections of the alarm boxes and, in fact, every piece of apparatus in connection with the alarm system—are frequently made.

Troubles on the aerial lines are being reduced from year to year, as the general tendency everywhere is toward better material and better work. The installing of more cables and transferring the overhead lines to them also reduces accidents and increases the efficiency and reliability of the system.

The line corps have been kept very busy during the entire year installing new alarm boxes, re-building the aerial lines, laying cables, removing poles and wires and attending to a large amount of repair work.

Respectfully submitted,

OSCAR D. KLEINSTEUBER,
Asst. Supt., F. A. T.

REPORT

OF THE

SUPERINTENDENT OF DEPARTMENT BUILDINGS

REPORT OF THE SUPERINTENDENT OF THE DEPARTMENT BUILDINGS

MILWAUKEE, WIS., Jan. 3, 1911.

Thomas A. Clancy, Esq., Chief Engineer:

DEAR SIR:—I herewith submit my annual report for the year 1910.

The drawing of all plans and specifications of new heating plants, and repairs to and remodeling of buildings and pipe lines and fire cisterns as well as painting the houses, was done under my supervision.

Truck and Chemical Engine Houses Nos. 4, 5 and 6 were each equipped with steam heating plants.

At the quarters of Engine Company No. 8 a new wagon and coal shed was built, the yard was paved and the basement repaved.

At the quarters of Engine Company No. 14, a new coal and wagon shed was built to replace the one destroyed by fire.

The quarters of Truck Company No. 4 were struck by lightning and considerable damage done, which was repaired and the house put in condition.

Each of the following companies received new apparatus floors: Engine Companies Nos. 13, 16, 18, 21 and 22.

The following apparatus floors were re-caulked: In Engine Houses Nos. 3, 4, 9, 10, 11, 12, 19, 24, 25 and 26; Trucks 2, 3 and 8.

On the outside of Engine House No. 2, all the wood and galvanized iron work was repainted.

Engine Houses Nos. 4, 6, 8 and 12; also Truck Houses Nos. 2 and 4 were painted and grained inside.

New roofs were put on Engine Houses Nos. 26 and Truck 5.

The total expenditures, under my supervision, amounted to $9,046.96, distributed as follows:

REPAIRS TO ENGINE AND TRUCK HOUSES DURING 1910.

Engine 1 and Truck Co. No. 1	51.23
" 2 and Truck Co. No. 13	223.76
" 3	65.65
" 4 and Truck Co. No. 2	438.59
" 5 and Truck Co. No. 3	69.80
" 6	93.07
" 7	254.00
" 8	725.51
" 9	183.43
" 10	125.03
" 11	108.29
" 12	263.02
" 13	283.62
" 14	133.17
" 15	61.65
" 16	304.38
" 17	33.15
" 18	285.03
" 19 and Truck Co. 8	230.51
" 20	400.23
" 21	250.88
" 22	300.00
" 23	9.78
" 24 and Truck Co. 9	111.69
" 25 and Truck Co. 10	355.10
" 26 and Truck Co. 11	205.62
" 27 and Truck Co. 12	15.06
" 28	6.35
" 29	18.30
Truck Co. 4, repairs and new heating and plumbing	990.86
" " 5, repairs and new heating and plumbing	852.06
" " 6, repairs and new heating and plumbing	694.04
" " 7, repairs	23.33
Chemical 8, repairs	4.04
Hospital barn, North avenue and Nineteenth street	4.56
Repair shop	102.73
	$8,277.57
Repairs on pipe lines	461.07
Repairs on fire cistern	308.32
Total	$9,046.96

Respectfully submitted,

SEBASTIAN BRAND,

Superintendent.

REPORT

OF THE

SUPERINTENDENT OF MACHINERY AND APPARATUS

REPORT OF DEPARTMENT REPAIR SHOP

MILWAUKEE, WIS., Jan. 3, 1911.

Thomas A. Clancy, Esq., Chief Engineer:

DEAR SIR:—I beg to submit herewith a brief report of the work done in the department shop during the year 1910:

Two combination chemicals and hose wagons were built and put in service, as well as one truck sleigh, and two buggy bodies.

Three hose wagons were rebuilt.

Two engines were rebuilt; and new boilers provided for Nos. 1 and 13.

Engine Companies Nos. 1, 2, 19 and 20 were provided with new wheels and hub brakes, built in the shop, and subsequently equipped with rubber tires.

Eight new sets of harness were made and put in service.

The following apparatus were in the shop for repairs:

Engines, 54 times; hose wagons, 33 times; trucks, 21 times; chemcal engines, 3 times; chiefs' buggies, 14 times; chiefs' cutters, 5 times; exercise wagons, 23 times.

The engines and pumps of Fire Boat No. 17 were given a general overhauling, and the four fire boats were painted.

195 sets of harness received an annual general overhauling.

82,550 feet of hose, now in service, was tested and necessary repairs attended to.

On account of the unusual condition of the streets during the months of January and February, considerable damage was done to the department apparatus which kept our force working to its fullest capacity.

I am pleased to be able to say that all department apparatus is in the very best condition.

Respectfuly submitted,

THOMAS A. MANION,

Superintendent Machinery and Apparatus.

REPORT

OF THE

VETERINARY SURGEON

REPORT OF THE VETERINARY SURGEON

MILWAUKEE, WIS., Jan. 3, 1911.

Thomas A. Clancy, Esq., Chief Engineer:

SIR:—I herewith submit to you my annual report for the year ending December 31st, 1910.

The general condition and health of the horses is good.

We have about twenty-five horses that are quite old, that should be replaced by young horses as soon as possible.

Total number of deaths in 1910, five (5), as follows:

Feb. 5th, Horse No. 210, fatally injured, had to be shot.
Feb. 21st, Horse No. 167, fatally injured, had to be shot.
July 8th, Horse No. 106, dropped dead, corner Teutonia and Hopkins, while responding to an alarm.
July 14th, Horse No. 62, died of enteritis.
Nov. 1st, Horse No. 179, died of enteritis.

Total number of visits made for the fire department	1,789
Total number of cases treated	476
Total number of horses inspected	68
Total number of horses purchased	12
Total number of horses rejected	56
Total number of horses sold	14
Total number of horses died or destroyed	5
Exchanged two old horses for one young horse	1

Average purchase price, $279.58.
Average selling price, $90.70.

During the year ninety-one patients were treated at the hospital.

Total number of visits made for the Police Department	96
Total number of visits made for the Water Department	34
Total number of visits made for the School Supply Department	14
Total number of visits made for the park horses	32
Total number of visits made for the City Sealer	16
Total number of horses examined for ward work	9
Total number of visits made for the city	1,981
Total number of horses inspected for the city	78
Total number of horses in Fire Department at this date	221

During the year I attended all second alarms of fire and gave the horses the necessary care and attention.

In closing, permit me to thank you, Chief, and the other officers and members of the department for the assistance given me in the performance of my duties.

Very respectfully,

DR. JOHN T. UNERTL,
Veterinary Surgeon.

ROSTER

OF

EACH COMPANY IN THE DEPARTMENT, FIRE ALARM TELEGRAPH AND DEPARTMENT SHOP

WITH

POSITIONS AND RESIDENCES OF THE MEMBERS THEREOF

FIRE ALARM TELEGRAPH CORPS.

City Hall.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
	Oscar D. Kleinsteuber	48	Ass't Superintendent.	320 12th St.	Ass't Supt. Police Am. Tl'g.	8 years
	Harvey Terhorst	29	Chief Elec. Repairer.	757 27th St.	Electrical Repairer	4 years
	Edw. J. Maguire	40	Chief Operator	342 West 24th St.	Clerk	19 years
	John Brown	48	Operator	621 20th St.	Cigar-maker	19 years
	Mathew Dunn	46	Operator	308 Oakland Ave.	Clerk	12 years
	Chas. Mathison	36	Operator	1331 State St.	Steward	12 years
	Alb. Bellinghausen	37	Operator	756 Holton St.	Canvasser	7 years
	Adolph Shaper	32	Operator	1155 27th St.	Clerk	5 years
	John Behling	29	Operator	898 No. Pierce St.	Laborer	1 year
	Stephan Shea	41	Chief Lineman	638 Jackson St.	Lineman	8 years
	Nic. Hoffmann	52	Lineman	189 8th St.	Clerk	25 years
	Aug. Muehlbach	53	Lineman	420 18th St.	Carpenter	23 years
	John Burns	34	Lineman	847 26th St.	Lineman	7 years
	Harry Johnston	29	Lineman	837 25th St.	Lineman	5 years
	Fred Bornheimer	33	Act. Lineman	735 7th St.	Lineman	3 years

REPAIR SHOP CORPS.

Quarters, Rear Engine House No. 4, 102-4 Second Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Supt.	Thos. P. Manion	51	Supt. Mach. and App.	903 Oakland Ave.	Pattern-maker	17 years
Capt.	Seb. Brand	66	Member	1221 Galena St.	Mason	38 years
159	Louis Keding	49	Member	579 35th St.	Blacksmith	17 years
51	John Foley	57	Member	407 Oakland Ave.	Boiler-maker	25 years
85	Jos. Immler	55	Member	446 6th Ave.	Carpenter	22 years
54	Jas. Bruce	56	Machinist	171 13th St.	Machinist	29 years
213	John Cooke	39	Machinist	660 Buffum St.	Machinist	11 years
144	Henry Peters	40	Machinist	749 Beulah Ave.	Machinist	9 years
15	Jos. Doyle	47	Blacksmith	885 17th St.	Blacksmith	18 years
408	Flu. McCarthy	24	Blacksmith	538 18th Ave.	Blacksmith	2 years
	Vacancy		Blacksmith			
58	Reinhold Isleb	50	Blacksmith-helper	325 Locust St.	Tinner	24 years
20	Conrad Adami	43	Painter	422 19th St.	Painter	7 years
	Vacancy		Painter			
	Vacancy		Painter			
238	Swen Carlson	49	Wagon-maker	1512 9th St.	Wagon-maker	10 years
103	Thos. Thompson	54	Wagon-maker	2629 Walnut St.	Wagon-maker	9 years
28	Beno Wizinski	60	Harness-maker	681 Becher St.	Shoe-maker	32 years
106	Wm. Mayer	25	Harness-maker	1017 25th St.	Harness-maker	8 mos.
160	Jul. Oestreicher	44	Hose Repairer	572 6th St.	Engineer	20 years

ENGINE COMPANY No. 1.

462 Broadway.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	John S. Smith	40	Captain	96 31st St.	Miner	16 years
Lieut.	Wm. E. Hendricks	29	Lieutenant	864 Marshall St.	Brakeman	7 years
221	Wm. Delahanty	27	Pipeman	358 Thomas Pl.	Laborer	5 years
125	Emil Koster	26	Pipeman	108 North Ave.	Gas-fitter	3 years
129	Maurice Bremington	34	Pipeman	477 Fredrick Ave.	Teamster	5 years
423	Albert Judge	27	Pipeman	455 Murray Ave.	Teamster	2 years
166	John Hogan	23	Pipeman	1310 Clybourn St.	Blacksmith helper	1 year
111	Lawrence Conatty	45	Engineer	482 Grove St.	Machinist	16 years
25	John J. Sullivan	40	Assistant Engineer	820 Franklin St.	Fireman	10 years
319	Jas. F. Murray	30	Driver	208 Detroit St.	Mason-helper	7 years
367	Daniel Rice	34	Driver	885 Racine St.	Teamster	3 years
Lieut.	Herman Ziebarth	33	Driver of 1st As't Chf.	465 14th St.	Teamster	7 years

ENGINE COMPANY No. 2

Nos. 417 and 419 Fourth Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Peter F. Schiller	38	Captain	728½ Island Ave.	Plumber	15 years
Lieut.	John J. Maroney	32	Lieutenant	328 14th St.	Motorman	8 years
277	John Doss	37	Pipeman	1232 Garfield Ave.	Engineer	7 years
306	George Ottaway	27	Pipeman	832 5th St.	Conductor	4 mos.
216	Conrad Bach	23	Pipeman	723 2nd St.	Teamster	1 year
133	John J. Burke	28	Pipeman	108 North Ave.	Coachman	3 years
379	Frank Schmidt	31	Pipeman	324 Brady St.	Teamster	2 years
89	Frank McGarry	38	Engineer	939 Richard St.	Electrician	10 years
196	Chas. Kanitz	33	Assistant Engineer	605½ Lloyd St.	Machinist	9 years
325	Jos. I. Schweitz	30	Driver	881 Racine St.	Painter	7 years
177	Julius Seemann	27	Driver	637 18th St.	Teamster	4 years

ENGINE COMPANY No. 3.

313 National Avenue.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Matt Wagner	43	Captain	547 6th Ave.	Boiler-maker	14 years
Lieut.	Anton Bruens	41	Lieutenant	650 Potter Ave.	Crane-man	8 years
227	Henry Daly	24	Pipeman	230 Michigan St.	Teamster	7 mos.
213	Frank Helinski	34	Pipeman	508 Scott St.	Hatter	4 years
55	Jas. Butler	39	Pipeman	574 3rd Ave.	Laborer	10 years
66	Frank Brzezinski	31	Pipeman	946 2nd Ave.	Teamster	7 years
22	Roland Hubbard	48	Engineer	383 24th Ave.	Engineer	22 years
39	Leo Mahoney	28	Assistant Engineer	236 18th St.	Engineer	5 years
273	Theo. Ballering	34	Driver	352 Grove St.	Coachman	8 years
171	Edw. Fitzgerald	33	Driver	368 Cass St.	Teamster	10 years

ENGINE COMPANY No. 4.

No. 104 Second Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Louis J. Konz	43	Captain	387 3rd Ave.	Laborer	18 years
Lieut.	James Burke	31	Lieutenant	Flat 44 Belvedere	Crane-man	7 years
286	Daniel Coffey	37	Pipeman	185 7th St.	Laborer	10 years
97	Chas. Fenske	33	Pipeman	1701 Chestnut St.	Plumber	8 years
428	Edw. Guerin	24	Pipeman	128 13th St.	Laborer	2 years
12	Paul Luke	25	Pipeman	906 Warren Ave.	Machinist-helper	2 years
	Vacancy		Pipeman			
142	John Kane	50	Engineer	237 22nd St.	Machinist	18 years
161	Wm. O'Gorman	36	Assistant Engineer	904½ 4th St.	Machinist	9 years
87	Arthur Gilbert	42	Driver	742 1st St.	Laborer	15 years
248	Jos. Mayer	36	Driver	619 11th St.	Harness-maker	9 years

ENGINE COMPANY No. 5.

No. 1119 Galena Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Fred Schroeder	43	Captain	692 15th St.	Brass-finisher	19 years
Lieut.	John Harrington	46	Lieutenant	764 29th St.	Laborer	19 years
53	Henry Dohman	34	Pipeman	944 15th St.	Laborer	6 years
108	Martin Collins	26	Pipeman	924 12th St.	Clerk	2 years
403	Jos. Krimmer	26	Pipeman	613 11th St.	Blacksmith	2 years
426	Henry Maass	29	Pipeman	473 27th St.	Machinist-helper	2 years
137	Geo. Christiansen	47	Engineer	308 19th St.	Engineer	18 years
59	Frank Harshaw	36	Assistant Engineer	472 25th St.	Engineer	9 years
143	Wm. Vogel	38	Driver	417 26th St.	Laborer	13 years
135	John Dix	30	Driver	341 23rd St.	Conductor	7 years

ENGINE COMPANY No. 6.

No. 845 Franklin Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Philip Plunkett	59	Captain	784 Cass St.	Steam-fitter	33 years
Lieut.	Eugene Hackett	27	Lieutenant	776 Holton St.	Gas-fitter	5 years
28	And. Milkowski	40	Pipeman	883 Sobieski St.	Bricklayer	9 years
182	Jos. Ehm	33	Pipeman	330 Brady St.	Cutter	6 years
379	Louis Dombrowski	29	Pipeman	1239 Booth St.	Carpenter	2 years
308	John Code	38	Engineer	826 Racine St.	Machinist	7 years
324	John Canty	42	Assistant Engineer	506 Fredrick Ave.	Engineer	10 years
345	Anton Stablewski	26	Driver	316 Hamilton St.	Teamster	3 years
371	John Zinda	24	Driver	481 Murray Ave.	Motorman	10 mos.

ENGINE COMPANY No. 7.

No. 695 Kinnickinnic Avenue.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Edw. C. Beck	47	Captain	622 5th Ave.	Teamster	21 years
Lieut.	Edw. J. Duggan	35	Lieutenant	352 Madison St.	Plumber	11 years
71	Thos. Shannon	28	Pipeman	690 Delaware Ave.	Laborer	6 years
179	Thos. Maher, Jr.	22	Pipeman	324 Greenfield Ave.	Machinist	7 mos.
341	Stanley Szelmeczka	27	Pipeman	892 6th Ave.	Laborer	4 years
252	James Casey	43	Engineer	81 Lincoln Ave.	Engineer	16 years
105	Emil Fredrich	34	Assistant Engineer	580 11th Ave.	Teamster	7 years
237	John Brins	46	Driver	611 Otjen St.	Motorman	16 years
340	Val. Martynski	31	Driver	882 1st Ave.	Machine-hand	5 years
347	Frank Melka	28	Driver Ass't Chief	792 9th Ave.	Sawyer	4 years

ENGINE COMPANY No. 8.

No. 630 North Avenue.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Edw. J. McDermott	41	Captain	823 1st St.	Moulder	16 years
Lieut.	Wm. O'Neill	42	Lieutenant	1100 4th St.	Mattress-maker	11 years
349	Adolf Kotten	49	Pipeman	1044 Teutonia Ave.	Teamster	21 years
364	Otto Mueller	28	Pipeman	967 6th St.	Butcher	3 years
57	Arthur Bennett	24	Pipeman	1015 Lee St.	Steam-fitter	1 year
67	Louis Sawyer	46	Engineer	986 5th St.	Machinist	16 years
96	Herman Breitlow	32	Assistant Engineer	742 22nd St.	Machinist	7 years
410	Wm. Fricke	31	Driver	901 10th St.	Conductor	1 year
49	David Rosen	27	Driver	920 Sherman St.	News-agent	5 years

ENGINE COMPANY No. 9.

No. 84 Seventeenth Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Wm. J. Bender	47	Captain	67 27th St.	Molder	24 years
Lieut.	John Houlahan	35	Lieutenant	2019 Sycamore St.	Teamster	9 years
50	T. J. O'Donohue	36	Pipeman	379 14th St.	Fireman	9 years
357	Elmer Burns	26	Pipeman	2714 Clybourn St.	Blacksmith-helper	3 years
395	Paul Fenske	25	Pipeman	2709 Grand Ave.	Brakeman	2 years
389	Hugo Bluemm	26	Pipeman	206 9th St.	Clerk	2 years
68	Jas. G. Butler	45	Engineer	136 20th St.	Machinist	20 years
219	Theo. Schaefer	27	Assistant Engineer	1928 Clybourn St.	Machinist	4 years
107	Peter Jensen	33	Driver	1605 State St.	Teamster	6 years
434	Richard Burke	27	Driver	2308½ State St.	Mariner	1 year

ENGINE COMPANY No. 10.

No. 204 Broadway.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Patrick Clarey	45	Captain	337 Brady St.	Laborer	21 years
Lieut.	John P. Conroy	38	Lieutenant	1015 Cedar St.	Teamster	11 years
350	Walter Zechel	27	Pipeman	814 Wells St.	Sailor	3 years
396	John Guerin	27	Pipeman	128 13th St.	Laborer	2 years
328	George Walsh	23	Pipeman	239 Jackson St.	Fireman	4 mos.
260	Jos. Ryan	28	Pipeman	394 1st Ave.	Switchman	3 years
296	John M. Sheehan	32	Pipeman	865 Racine St.	Janitor	1 year
247	Chas. Callahan	40	Engineer	Flat 28 Belvedere	Machinist	16 years
290	Wm. F. Foley	27	Assistant Engineer	879 Racine St.	Engineer	4 years
198	Chas. Donovan	46	Driver	397 Van Buren St.	Teamster	24 years
374	Robert Blaser	31	Driver	879 Racine St.	Fireman	2 years

ENGINE COMPANY No. 11.

No. 1166 Kinnickinnic Avenue.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Thos. G. Stott	67	Captain	679 Clinton St.	Cooper	36 years
Lieut.	Carl Plath	32	Lieutenant	916 Aldridge St.	Steel-worker	6 years
74	Frank Myszewski	33	Pipeman	782 Garden St.	Molder	9 years
295	Anton Giersch	29	Pipeman	985 Grove St.	Carpenter	2 years
229	Chris. Neustetter	32	Pipeman	583 6th St.	Molder	7 mos.
168	Louis Kohler	47	Engineer	374 Ellen St.	Engineer	18 years
195	Frank Kehlenhofer	34	Assistant Engineer	511 Wentworth Ave.	Machinist	8 years
124	John Fennig	31	Driver	925 1st Ave.	Pressman	6 years
405	Frank Keltner	30	Driver	571½ Russell Ave.	Brakeman	2 years

ENGINE COMPANY No. 12.

No. 686 Eighth Avenue.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	John Homolka	45	Captain	494½ Lapham St.	Box-maker	20 years
Lieut.	Albert Jordan	30	Lieutenant	356 Scott St.	Carpenter	7 years
69	Jos. L. Brodowski	32	Pipeman	882 9th Ave.	Molder	6 years
334	John C. Mattick	30	Pipeman	585 Pearl St.	Laborer	5 years
130	Edw. Dallmann	27	Pipeman	750 Pearl St.	Molder	7 mos.
33	Jacob Gutenkunst	58	Engineer	581 7th Ave.	Machinist	30 years
151	John F. Crowley	42	Assistant Engineer	355 Orchard St.	Fireman	17 years
158	Peter Turna	48	Driver	831 7th Ave.	Box-maker	21 years
421	Edw. W. Gergen	27	Driver	632 Madison St.	Chauffeur	2 years

ENGINE COMPANY No. 13.

North Avenue and Nineteenth Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Geo. B. Davis	41	Captain	825 Wall St.	Hardwood-finisher	11 years
Lieut.	Fred Oehlsen	48	Lieutenant	2217 Kilbourn Ave.	Coachman	17 years
216	Lawrence Corbett	30	Pipeman	1624 Lloyd St.	Laborer	7 years
192	Nic Zalusky	30	Pipeman	1726 North Ave.	Mason	7 years
377	John Vetter	28	Pipeman	1521 Lloyd St.	Blacksmith	2 years
267	Martin Quirk	46	Engineer	751 18th St.	Machinist	13 years
243	Robt. Jordan	33	Assistant Engineer	676 27th St.	Carpenter	8 years
322	Chas. Spredeman	30	Driver	829 Teutonia Ave.	Furrier	7 years
354	Harry Radtke	23	Driver	1614 Prairie St.	Teamster	3 mos.

ENGINE COMPANY No. 14.

No. 728 Park Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Chas. Hannig	49	Captain	343 26th Ave.	Blacksmith	23 years
Lieut.	Jas. Schlehofer	41	Lieutenant	666 Washington St.	Teamster	17 years
312	Otto Schwab	31	Pipeman	430 15th Ave.	Laborer	7 years
399	Henry Hauerwas	27	Pipeman	675 National Ave.	Engineer	2 years
120	Wm. Dallman	25	Pipeman	573 Union St.	Laborer	2 years
440	Fred Eichhorn	27	Pipeman	639 Madison St.	Fireman	1 year
263	Andrew Zeck	37	Engineer	515 Greenbush St.	Engineer	11 years
32	Alfred Schunck	28	Assistant Engineer	406 9th Ave.	Machinist	5 years
205	George Woest	45	Driver	436 16th Ave.	Teamster	20 years
352	Albert Schroeder	26	Driver	409 3rd Ave.	Coachman	1 year

ENGINE COMPANY No. 15.

Fire Boat, East Water Street Bridge.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Richard Rice	50	Captain	526 Cass St.	Tugman	25 years
Lieut.	George Toland	40	Lieutenant	840 Cass St.	Weigh-master	14 years
98	Andrew Rebholz	54	Engineer	823 Van Buren St.	Engineer	20 qears
222	Geo. McCarthy	41	Engineer	1223 State St.	Engineer	9 years
256	Rudolph Sladky	32	Fireman	334 12th St.	Machinist	8 years
241	Wm. Collopy	34	Fireman	421 Marshall St.	Brakeman	12 years
425	Chas. Williams	26	Fireman	597 Pearl St.	Machinist	1 year
80	Wm. W. Davies	32	Fireman	487 Cramer St.	Engineer	8 years
70	Jere Sullivan	52	Pilot	251 Washington St.	Pilot	17 years
344	Max Etzel	35	Pilot	351 2nd Ave.	Pilot	4 years
100	Wm. Kennedy	40	Pipeman	575 Greenbush St.	Laborer	8 years
152	Peter Ryan	43	Pipeman	181 Reed St.	Sailor	13 years
391	Peter De Smedt	25	Pipeman	653 Greenbush St.	Tugman	2 years
211	Daniel Shea	37	Pipeman	143 7th St.	Bridge-builder	8 years
64	Fred Banholzer	43	Pipeman	510 6th Ave.	Plumber	20 years
284	Andrew Scale	39	Pipeman	405 3rd Ave.	Upholsterer	6 years
293	George Clausen	34	Pipeman	556 4th Ave.	Laborer	7 years

ENGINE COMPANY No. 16.

No. 2419 Walnut Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Edw. J. Morgan	40	Captain	380 25th St.	Watchman	16 years
Lieut.	John E. Scanlon	29	Lieutenant	635½ 12th St.	Laborer	4 years
104	Elmer Landrum	44	Pipeman	2607 Walnut St.	Brakeman	20 years
332	Arthur Linehan	27	Pipeman	591 24th St.	Porter	5 years
76	Geo. Knoblauch	29	Pipeman	651 22nd St.	Tinsmith	4 years
60	John Poulter	44	Engineer	2712 Cedar St.	Engineer	11 years
197	Patrick Donovan	41	Assistant Engineer	516 35th St.	Blacksmith	16 years
266	Thos. Callahan, Jr.	34	Driver	410 14th St.	Coal-dealer	2 years
406	Peter Roth	25	Driver	705½ 23rd St.	Conductor	2 years
138	Ernst Patzen	47	Driver Ass't Chief	622 26th St.	Painter	13 years

ENGINE COMPANY No. 17.

Fire Boat, Kinnickinnic River.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	John Olson	41	Captain	275½ 19th St.	Sailor	16 years
Lieut.	Edw. Loeffler	44	Lieutenant	468 Potter Ave.	Teamster	19 years
140	Wm. McLain	56	Engineer	399 23rd Ave.	Engineer	21 years
212	Thos. Rutherford	40	Engineer	285 Madison St.	Switchman	16 years
300	R. Schneidewind	35	Fireman	644 Dover St.	Engineer	4 years
231	Patrick Dorian	35	Fireman	851 Robinson Ave.	Machinist	4 years
112	Jas. Sheehan	51	Pilot	883 Mound St.	Sailor	21 years
131	Frank Tiernan	58	Pilot	929 Mound St.	Pilot	15 years
200	Frank Michalek	34	Pipeman	817 1st Ave.	Molder	6 years
307	Frank Jagodzinski	26	Pipeman	434 Becher St.	Teamster	1 year
331	Roman Woida	30	Pipeman	728 6th Ave.	Laborer	5 years
272	Max Bulski	40	Pipeman	955 14th Ave.	Motorman	11 years
156	Gabriel Gargen	49	Pipeman	927 Allis St.	Carpenter	21 years
162	A. Muenzenberger	49	Pipeman	852 Arrow St.	Painter	15 years
384	George Schmidt	30	Pipeman	443 Clement St.	Oiler	2 years

ENGINE COMPANY No. 18.

No. 982 Richards Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Peter Vaughan	52	Captain	825 Wall St.	Brakeman	23 years
Lieut.	John Doyle	43	Lieutenant	1181 Holton St.	Motorman	13 years
321	Steve Pearshalski	31	Pipeman	26 Lee St.	Painter	7 years
75	Edw. Hagic	45	Pipeman	1081 Holton St.	Laborer	16 years
382	B. Piaskowski	26	Pipeman	1324 Bremen St.	Molder	2 years
132	Jos. Paulik	32	Pipeman	708 Buffum St.	Nurse	4 years
265	Wm. Stampf	41	Pipeman	752 18th St.	Carpenter	13 years
65	Henry Schaefer	51	Engineer	967 Richards St.	Machinist	19 years
115	John Munn	46	Assistant Engineer	138 Hadley St.	Shoe-maker	13 years
275	Chas. Van Wormer	40	Driver	732 Buffum St.	Conductor	11 years
172	Frank Hilmes	44	Driver	954 Richards St.	Teamster	18 years

ENGINE COMPANY No. 19.

Virginia and Clinton Streets.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Wm. A. Trotter	43	Captain	399 17th Ave.	Mattress-weaver	22 years
Lieut.	George Jansen	46	Lieutenant	532 5th Ave.	Conductor	18 years
288	Louis Berg	36	Pipeman	578 10th Ave.	Hatter	7 years
420	Frank Strozewski	26	Pipeman	794 8th Ave.	Carpenter	2 years
337	John Krolikowski	33	Pipeman	712 Grove St.	Machinist	5 years
390	Edw. Coughlin	24	Pipeman	371 Madison St.	Laborer	2 years
413	Clarence Wiggins	26	Pipeman	551 Lapham St.	Teamster	2 years
128	Lawrence Ryan	45	Engineer	436 2nd Ave.	Engineer	12 years
311	Edw. Sheehan	32	Assistant Engineer	813 Jackson St.	Engineer	1 year
170	Wm. Christian	31	Driver	319 27th Ave.	Teamster	6 years
418	Frank Komos	24	Driver	948 11th Ave.	Motorman	2 years

ENGINE COMPANY No. 20.

Nos. 103-105 Sixth Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Henry Kruse	42	Captain	1424 State St.	Painter	19 years
Lieut.	Boetius Murphy	30	Lieutenant	379½ 14th St.	Laborer	7 years
330	Michael Keogh	30	Pipeman	147 7th St.	Blacksmith	5 years
314	Andrew Letsche	30	Pipeman	1324 Cherry St.	Mattress-maker	7 years
298	Geo. Driscoll	25	Pipeman	1105 Walnut St.	Blacksmith-helper	3 years
407	Walter Madden	27	Pipeman	550 8th St.	Steam-fitter	2 years
353	Edw. Kuntz	31	Pipeman	147 7th St.	Laborer	1 mo.
199	Edw. Lynch	38	Engineer	153 Buffalo St.	Machinist	13 years
301	Chas. Dougherty	31	Assistant Engineer	1014 Clybourn St.	Machinist	6 years
366	Wm. Torpy	24	Driver	345 4th Ave.	Laborer	3 years
435	John Callahan	24	Driver	384 13th St.	Horse-shoer	1 year
226	Robt. Dallman	36	Driver Ass't Chief	111 6th St.	Molder	6 years

ENGINE COMPANY No. 21.

Island Avenue and Lloyd Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Wm. Pattengill	50	Captain	735 3rd St.	Cooper	24 years
Lieut.	Arnt Nissheim	40	Lieutenant	95 North Ave.	Sailor	13 years
370	Chas. Flint	28	Pipeman	832 Buffum St.	Carpenter	2 years
204	Emil Heckner	28	Pipeman	722 Lee St.	Motorman	2 years
199	Thos. Burns	31	Pipeman	982 Buffum St.	Clerk	5 years
432	Aug. Voigt	32	Pipeman	786 25th St.	Clerk	1 year
327	Leo Erdmann	28	Pipeman	887 Franklin Pl.	Laborer	2 years
251	Barney McGinnis	42	Engineer	871 Island Ave.	Engineer	15 years
90	Wm. Meloy	37	Assistant Engineer	136 Lloyd St.	Plumber	10 years
381	John Hogan	33	Driver	838 Franklin Pl.	Laborer	7 years
253	Ole H. Nelson	41	Driver	018 North Ave.	Coachman	15 years
244	Jos. Haubner	30	Driver Ass't Chief	609 Lloyd St.	Coachman	6 years

ENGINE COMPANY No. 22.

No. 2620 Center Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Richard Altendorf	45	Captain	1901 Galena St.	Baker	20 years
Lieut.	Max Siewert	48	Lieutenant	955 27th St.	Butcher	17 years
259	Edw. Kasch	29	Pipeman	834 34th St.	Molder	6 years
119	John Deckert	31	Pipeman	716 25th St.	Laborer	6 years
359	Gustav Lietz	26	Pipeman	2067½ Center St.	Machinist	2 years
238	Jos. J. Reddy	43	Engineer	957 24th St.	Engineer	9 years
385	Albert Brand	30	Assistant Engineer	759 17th St.	Machinist	2 years
141	Geo. Rafferty	44	Driver	2517 Vine St.	Laborer	19 years
283	Oscar Munz	33	Driver	2660 Bismarck St.	Clerk	3 years

ENGINE COMPANY No. 23.

Fire Boat Menomonee River.

Padge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Wm. E. Brown	42	Captain	346 15th St.	Sailor	17 years
Lieut.	David Ruppert	40	Lieutenant	2002 Clybourn St.	Plumber	13 years
13	John Desmond	42	Engineer	470 Milwaukee St.	Engineer	14 years
180	Michael Quirk	53	Engineer	1414 Cedar St.	Fireman	20 years
291	Wm. Moore	36	Fireman	258 12th St.	Laborer	5 years
276	John Koster	30	Fireman	640 Hanover St.	Fireman	4 years
102	Adolph May	58	Pilot	252 16th St.	Pilot	16 years
254	Jos. La Gue	40	Pilot	171 South Bay St.	Sailor	3 years
274	Wm. Kempfer	37	Pipeman	217 Greenbush St.	Currier	11 years
101	Patrick J. Coffey	40	Pipeman	185 7th St.	Laborer	9 years
427	Frank Etzel	27	Pipeman	351 2nd Ave.	Tugman	1 year
287	John Hanrahan	37	Pipeman	303 Van Buren St.	Salesman	7 years
82	Paul Foley	23	Pipeman	141½ Buffalo St.	Teamster	1 mo.
433	Chas. Donovan	24	Pipeman	304 Greenbush St.	Fireman	1 year
326	Wm. Marsh	37	Pipeman	728 Mineral St.	Butcher	5 years

ENGINE COMPANY No. 24.

No. 3104 Lloyd Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Wm. J. Rohr	51	Captain	2006 Walnut St.	Teamster	20 years
Lieut.	James Roe	50	Lieutenant	657 36th St.	Laborer	20 years
268	Philip Bliffert	52	Pipeman	706 32nd St.	Laborer	20 years
320	Edw. Schuffenhauer	32	Pipeman	4106 Lisbon Ave.	Furrier	6 years
194	Frank Muehlbach	27	Pipeman	702½ 35th St.	Brass-finisher	2 years
438	Leonard Schmidt	25	Pipeman	772 10th St.	Shoe-cutter	1 year
208	Robt. C. Scott	46	Engineer	723 35th St.	Engineer	17 years
40	Wm. J. Smith	57	Assistant Engineer	2602 Chestnut St.	Horse-shoer	27 years
115	Michael Cosgrove	50	Driver	693 35th St.	Coachman	21 years
278	Tony Rumkwitz	34	Driver	1221 Kneeland Ave.	Carpenter	7 years

ENGINE COMPANY No. 25.

No. 1330 Third Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Wm. Coerper	46	Captain	1492 3rd St.	Miller	24 years
Lieut.	Alb. Glaettli	44	Lieutenant	939 Richards St.	Teamster	17 years
271	Henry Weber	40	Pipeman	1350 1st St.	Carpenter	11 years
44	Rudolph Bass	51	Pipeman	988 5th St.	Laborer	19 years
289	Jas. Durkin	34	Pipeman	839 6th St.	Laborer	4 years
19	Wm. Lippold	25	Pipeman	1183 4th St.	Machine-hand	2 years
164	Lorenz Kress, Jr	40	Engineer	821 North Ave.	Machinist	9 years
317	John Lichtenacker	36	Assistant Engineer	1278 11th St.	Machinist	7 years
232	Oscar Hochstein	28	Driver	1294 3rd St.	Teamster	5 years
125	Edw. Steiner	42	Driver	1347 Green Bay Ave.	Laborer	11 years

ENGINE COMPANY NO. 26.

No. 446 Twenty-first Avenue.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Chas. Schunck	52	Captain	435 15th Ave.	Butcher	30 years
Lieut.	Peter Nelson	51	Lieutenant	316 25th Ave.	Canvasser	19 years
292	Robt. Fitzgerald	32	Pipeman	345 4th Ave.	Clerk	7 years
392	Timothy Dwyer	30	Pipeman	390 32nd Ave.	Machinist-helper	2 years
150	Emil Nimmer	26	Pipeman	969 Orchard St.	Teamster	3 years
368	Jos. Kelly	26	Pipeman	113 27th St.	Blacksmith-helper	6 mos.
262	Jos. Kosmicki	43	Engineer	634 7th Ave.	Engineer	11 years
163	Edw. McShane	35	Assistant Engineer	847 Scott St.	Machinist	7 years
83	Arthur Castle	49	Driver	777 Scott St.	Coachman	22 years
26	Fred Kresse	50	Driver	443 27th Ave.	Teamster	20 years

ENGINE COMPANY No. 27.

No. 607 Bartlett Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Jas. Fetherston	42	Captain	400 Oakland Ave.	Carpenter	19 years
Lieut.	Frank C. Jaroch	33	Lieutenant	894 Astor St.	Tanner	7 years
126	Patrick Grady	42	Pipeman	475 Oakland Ave.	Teamster	17 years
402	Frank Just	24	Pipeman	1056 Holton St.	Lineman.	2 years
294	Frank Schmitt	24	Pipeman	626 Oakland Ave.	Steam-fitter	1 year
242	Jas. C. Rowland	23	Pipeman	805 Franklin Pl.	Switchman	3 mos.
38	Edw. Gillen	45	Engineer	919 Newhall St.	Engineer	9 years
236	Leonard Ternes	27	Assistant Engineer	597 Oakland Ave.	Machinist	6 years
77	Chester Weymier	52	Driver	638 Cramer St.	Teamster	21 years
34	Jas. T. Owens	56	Driver	506 Farwell Ave.	Laborer	29 years

ENGINE COMPANY No. 28.

Nos. 62-64 Thirtieth Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Jacob Hentz	45	Captain	73 28th St.	Teamster	20 years
Lieut.	Jas. McCarthy	28	Lieutenant	1825 Clybourn St.	Laborer	5 years
224	Andrew Doyle	41	Pipeman	51 25th St.	Laborer	10 years
315	Chas. Nolan	32	Pipeman	833 Clybourn St.	Brakeman	6 years
174	Christ. Ward	39	Pipeman	1607 Clybourn St.	Lineman	10 years
139	Jos. Byrne	29	Pipeman	135 27th St.	Laborer	7 years
351	John McGee	30	Pipeman	767 34th St.	Shoe-maker	4 years
218	Christ O'Brien	41	Engineer	82 28th St.	Engineer	15 years
386	Leo Curtis	27	Assistant Engineer	135 27th St.	Engineer	2 years
333	Herman Marquardt	29	Driver	3514 Brown St.	Teamster	5 years
375	Daniel Holland	25	Driver	2519½ Clybourn St.	Blacksmith	2 years

ENGINE COMPANY No. 29.

Fire Boat, Cherry Street Bridge.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Harris Giddings	49	Captain	100 Reservoir Ave.	Bridge-builder	20 years
Lieut.	Dan Harrington	39	Lieutenant	482 Bartlett St.	Laborer	10 years
193	Frank Killian	41	Engineer	839 Buffum St.	Machinist	17 years
78	Otto Jancen	32	Engineer	1914 Walnut St.	Machinist	8 years
210	Robt. Anderson	37	Fireman	737 Hubbard St.	Engineer	6 years
215	Wm. Marthen	31	Fireman	504 18th St.	Steam-fitter	6 years
46	Lawrence Riordan	51	Pilot	756 Marshall St.	Master	6 years
93	Arthur Bouchard	38	Pilot	772 Holton St.	Pilot	11 years
109	Martin Freeman	44	Pipeman	144 Hadley St.	Coachman	22 years
95	Edw. Wolter	34	Pipeman	618 10th St.	Packer	6 years
235	Jos. Dombrowski	26	Pipeman	879 Sobieski St.	Carpenter	1 year
255	Henry Zillmann	47	Pipeman	972 7th St.	Conductor	14 years
313	Geo. Poertner	33	Pipeman	988 8th St.	Laborer	7 years
303	Jos. Hansher	31	Pipeman	918 Sherman St.	Pedler	3 years
225	Geo. Heiser	41	Pipeman	936 6th St.	Tanner	17 years

TRUCK AND CHEMICAL ENGINE COMPANY No. 1.

No. 464-466 Broadway.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Emil Peterson	38	Captain	255 15th St.	Surfman	10 years
Lieut.	Wm. Striebel	31	Lieutenant	378 21st St.	Wood-turner	7 years
149	Frank Skiba	30	Truckman	918 Sobieski St.	Freight-caller	1 year
445	Henry Ruesch	22	Truckman	931 Newhall St.	Carpenter	3 mos.
355	John Adelsbach	32	Truckman	652 1st St.	Teamster	4 years
365	Thos. Bhesnahan	26	Truckman	470 Milwuakee St.	Bridge-builder	3 years
217	Henry Ballering	26	Truckman	496 Reed St.	Teamster	2 years
398	Alfred Voelz	26	Truckman	2441 Vine St.	Plumber	2 years
441	John Kuehn	30	Pipeman	621 Clinton St.	Blacksmith-helper	10 mos.
258	Jere Harrington	29	Pipeman	523 Milwaukee St.	Laborer	6 years
191	David Fitzgerald	32	Pipeman	523 Milwaukee St.	Laborer	5 years
189	Terrence O'Donnell	37	Driver	1070 North Water St.	Teamster	9 years
329	Rudolph Stiewe	23	Driver	260 Highland Pl.	Teamster	4 mos.
Capt.	Benj. Hentz	44	Driver Chief	171 Buffalo St.	Teamster	20 years

HOOK AND LADDER COMPANY No. 2.

No. 106 Second Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Frank Makal	44	Captain	405 11th St.	Painter	17 years
Lieut.	James Cassin	34	Lieutenant	1320 Cedar St.	Teamster	8 years
214	John O'Rourke	38	Truckman	448 South Pierce St.	Gas-fitter	8 years
280	James Smith	38	Truckman	182 Mason St.	Carpenter	7 years
348	John Pheland	35	Truckman	251 9th St.	Cooper	4 years
146	Frank Cavanaugh	27	Truckman	469 15th St.	Steam-fitter	4 years
401	Thos. Hanlon	29	Truckman	511 Madison St.	Laborer	2 years
380	Jos. Romadka	26	Truckman	811 Sycamore St.	Clerk	2 years
335	Geo. Boyce	27	Truckman	469 Virginia St.	Tanner	2 years
239	John McCarthy	27	Truckman	381½ 14th St.	Blacksmith-helper	3 years
260	Chas. Whitton	46	Driver	1303 Grand Ave.	Brakeman	15 years

HOOK AND LADDER COMPANY No. 3.

No. 1121 Galena Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Ben Shupe	32	Captain	1217 Galena St.	Clerk	10 years
Lieut.	Rudolph Hainke	32	Lieutenant	719 Lloyd St.	Laborer	7 years
183	George Maederer	37	Truckman	1720 Cherry St.	Mail-clerk	5 years
381	Arnold Struebig	27	Truckman	1407 Center St.	Painter	2 years
297	Paul Wegner	27	Truckman	1307 North Ave.	Brush-maker	4 years
134	Dennis Moroney	44	Truckman	778 8th St.	Foreman	4 years
430	Henry Musfeldt	33	Truckman	1419 Walnut St.	Painter	5 years
411	Fred Brickman	27	Truckman	394 20th St.	Lineman	2 years
393	Rudolph Ernser	26	Truckman	1083 Hopkins St.	Trucksmith	2 years
36	Samuel McDowell	60	Truckman	790 18th St.	Teamster	27 years
206	Christ. Knuth	48	Driver	1913 Monroe St.	Laborer	17 years

TRUCK AND CHEMICAL ENGINE COMPANY No. 4.

No. 537 Third Avenue.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Chas. Koschmieder	45	Captain	611 3rd Ave.	Molder	21 years
Lieut.	Thos. Mahoney	45	Lieutenant	409 14th Ave.	Laborer	21 years
188	Arthur Block	45	Truckman	615½ 4th Ave.	Teamster	20 years
240	John Skorzewski	27	Truckman	944 American Ave.	Core-maker	3 years
388	Stanley Bulski	33	Truckman	1040 11th Ave.	Molder	2 years
361	Henry Hundsrucker	24	Truckman	704 Greenfield Ave.	Candy-maker	1 year
246	Jos. Przybelski	27	Truckman	863 American Ave.	Buffer	2 mos.
318	F. Muenzenberger	27	Pipeman	398 4th Ave.	Motorman	5 years
397	Alb. Gebhardt	28	Pipeman	367 Orchard St.	Plumber	2 years
309	Olaf Erickson	24	Driver	739 10th Ave.	Teamster	4 mos.
201	Henry Haerter, Jr.	39	Driver	640 2nd Ave.	Teamster	6 years

TRUCK AND CHEMICAL ENGINE COMPANY No. 5.

No. 339 Bartlett Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Jas. O'Donnell	57	Captain	835 Racine St.	Clerk	34 years
Lieut.	Henry J. Teel	50	Lieutenant	380 Brady St.	Carpenter	26 years
282	Frank J. Fojut	31	Truckman	956 Warren Ave.	Laborer	7 years
285	Vincenzo Marchese	26	Truckman	405 Royal Pl.	Clerk	3 years
86	Andrew Skiba	30	Truckman	1048 North Water St.	Laborer	6 years
155	Chas. F. Netzow	23	Truckman	853 Wall St.	Tile-layer	7 mos.
84	Frank Trzebiatowski	25	Truckman	888 Franklin Pl.	Tanner	1 mos.
42	Patrick Skeffington	58	Pipeman	373 Newhall St.	Teamster	26 years
23	John Dela Hunt	33	Pipeman	720 Racine St.	Clerk	2 years
157	Louis Hammond	32	Driver	878 Richards St.	Machinist	6 years
37	Anton Roseneck	25	Driver	974 Warren Ave.	Currier	3 years

TRUCK AND CHEMICAL ENGINE COMPANY No. 6.

No. 247 St. Clair Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Edw. Janssen	48	Captain	403 Herman Ave.	Sailor	25 years
Lieut.	Anton Olsen	52	Lieutenant	686 Wilson St.	Painter	25 years
362	Jos. Kulas	33	Truckman	885 10th Ave.	Conductor	3 years
404	Walter Kuehn	27	Truckman	515 Ellen St.	Laborer	2 years
148	Nels Knem	44	Truckman	572 Wentworth Ave.	Teamster	18 years
417	Frank Borowski	26	Truckman	1093 10th Ave.	Carpenter	2 years
250	Christ. Williams	49	Pipeman	338 Pine Ave.	Sailor	14 years
281	Conrad Schoenfeld	39	Pipeman	237 Lenox St.	Tanner	7 years
419	Frank Wheeler	33	Driver	503 Herman Ave.	Conductor	2 years
99	Christ. Wachsmuth	48	Driver	593 Wentworth Ave.	Sailor	22 years

TRUCK AND CHEMICAL ENGINE COMPANY No. 7.

No. 2228 State Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Thos. J. King	47	Captain	267 17th St.	Laborer	22 years
Lieut.	John Linehan	35	Lieutenant	2232 Sycamore St.	Laborer	11 years
127	Jos. Schroeder	41	Truckman	466 20th St.	Upholsterer	15 years
184	Chas. Hennessey	37	Truckman	258 17th St.	Clerk	7 years
414	Harry Waskow	28	Truckman	542 28th St.	Laborer	2 years
369	Frank Thompson	34	Truckman	1816 Cherry St.	Painter	3 years
153	Erwin Gerboth	33	Pipeman	1612 Cold Spring Ave	Tanner	7 years
304	John Fenske	27	Pipeman	2709 Grand Ave.	Cooper	3 years
118	Dan Driscoll	41	Driver	2207 Lisbon Ave.	Teamster	18 years
178	Fred Mauhs	50	Driver	1817 Vliet St.	Teamster	20 years

TRUCK COMPANY No. 8 AND WATER TOWER.

Virginia and Clinton Streets.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	John Weis	46	Captain	531 4th Ave.	Printer	24 years
Lieut.	John Peterson	42	Lieutenant	556 9th Ave.	Brakeman	16 years
176	Wm. Gerstmann	26	Truckman	718 11th Ave.	Laborer	3 years
342	Anthony Barbian	26	Truckman	361 15th Ave.	Teamster	4 years
339	John Myszewski	30	Truckman	636 8th Ave.	Motorman	5 years
305	John Durkin	31	Truckman	590 Mineral St.	Fireman	7 years
383	Chas. Tremain	25	Truckman	478 Mineral St.	Laborer	2 years
412	Frank Turna	25	Truckman	677 3rd Ave.	Electrician	2 years
376	Ber. Kielpinski	26	Truckman	405 Lincoln Ave.	Carpenter	2 years
165	Anthony Walters	45	Pipeman	415 Virginia St.	Packer	20 years
31	Nic Gergen	25	Pipeman	632 Madison St.	Core-maker	2 years
245	Louis Braun	27	Driver	694 13th Ave.	Engineer	6 years
209	Herman Suelflow	27	Driver	799 Washington St.	Steam-fitter	5 years

CHEMICAL ENGINE COMPANY No. 8.

No. 438 National Avenue.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Lieut.	Frank Tesensky	45	Lieutenant	588 4th Ave.	Cooper	18 years
436	Asie Penny	26	Pipeman	549 3rd Ave.	Boat-builder	1 year
173	Anton Krafcheck	26	Driver	679 21st Ave.	Teamster	3 years
11	Jas. Mitten	41	Driver Ass't Chief	427 19th Ave.	Laborer	8 years

HOOK AND LADDER COMPANY No. 9.

No. 3104 Lloyd Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Lieut.	Fred J. Huebner	50	Lieutenant	497 27th St.	Butcher	20 years
230	John Ballering	38	Truckman	829 29th St.	Laborer	11 years
257	John Elias	30	Truckman	710 27th St.	Salesman	6 years
310	John Becker	32	Truckman	695 41st St.	Teamster	7 years
92	Thos. Sullivan	54	Truckman	633 31st St.	Carsmith	20 years
409	John Radke	24	Truckman	2223 North Ave.	Clerk	2 years
442	Edw. Knuth	22	Truckman	861 32nd St.	Pressman	1 mo.
122	Alb. Struebig	27	Truckman	849 26th St.	Clerk	7 mos.
52	Chas. Wilters	61	Driver	768 16th St.	Sailor	25 years

HOOK AND LADDER COMPANY No. 10.

No. 1330 Third Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Lieut.	Jacob Reik	46	Lieutenant	1354 1st St.	Teacher	15 years
117	Chas. Stevens	51	Truckman	995 Buffum St.	Laborer	22 years
185	Fred Nuelk, Jr.	27	Truckman	1306 9th St.	Clerk	6 years
431	Arthur Noffz	24	Truckman	1190 17th St.	Time-keeper	11 mos.
17	Chas. Heinze	41	Truckman	752 Island Ave.	Conductor	9 years
387	Henry Bruhns	26	Truckman	1071 1st St.	Machinist	2 years
279	Christ. Flood	33	Truckman	99 25th St.	Laborer	7 years
207	Jos. Kenney	40	Truckman	538 Clinton St.	Waiter	14 years
45	Nic Heidenreich	52	Driver	845 5th St.	Teamster	26 years

HOOK AND LADDER COMPANY No. 11.

No. 446 Twenty-first Avenue.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
	Vacancy		Lieutenant			
18	Thos. Duggan	50	Truckman	855 Mineral St.	Laborer	24 years
249	Frank Effertz	31	Truckman	919 Mineral St.	Sawyer	7 years
169	John Hamill	42	Truckman	473 20th Ave.	Blacksmith	8 years
437	Philip Weidner	26	Truckman	548 18th Ave.	Blacksmith	1 year
56	Macy Brown	26	Truckman	324 20th Ave.	Conductor	2 years
	Vacancy		Truckman			
	Vacancy		Truckman			
114	John Mesenbourg	54	Driver	1105 South Pierce St.	Teamster	21 years

HOOK AND LADDER COMPANY No. 12.

No. 607 Bartlett Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Lieut.	Henry G. Porth	43	Lieutenant	2814 McKinnley Blvd.	Carpenter	19 years
21	Wm. Archer	53	Truckman	615 Oakland Ave.	Laborer	18 years
110	John O'Connell	56	Truckman	383 Newhall St.	Teamster	22 years
234	John Ebertowski	30	Truckman	324 Brady St.	Laborer	3 years
424	Steve Hecht	24	Truckman	234 Pearson St.	Steam-fitter helper	2 years
372	John Sheehan	33	Truckman	132 Lyon St.	Teamster	3 years
422	Jos. Cwiklinski	24	Truckman	257 Highland Pl.	Teamster	1 year
	Vacancy		Truckman			
154	Eugene Weymier	55	Driver	547 Bartlett St.	Teamster	24 years

HOOK AND LADDER COMPANY No. 13.

Nos. 417-419 Fourth Street.

Badge.	Name.	Age.	Position.	Residence.	Former Occupation.	Length of Service.
Capt.	Geo. Hanrahan	42	Captain	1420 Chestnut St.	Plumber	15 years
Lieut.	Barth. Ryan	45	Lieutenant	251 9th St.	Blacksmith	16 years
113	Julius Retzlaff	40	Truckman	621 18th St.	Millwright	8 years
61	Walter Dix	27	Truckman	419 13th St.	Packer	5 years
343	Victor Boyer	27	Truckman	283 Hamilton St.	Laborer	4 years
323	Frank Zernia	35	Truckman	1617 Cold Spring Ave	Plumber	7 years
356	John Trappe	25	Truckman	683 31st St.	Craneman	3 years
400	Chas. Huebner	25	Truckman	497 27th St.	Motorman	2 years
444	George Metzen	24	Truckman	468 24th St.	Molder	10 mos.
63	George Murphy	43	Truckman	3415 St. Paul Ave.	Laborer	15 years
79	Fred Clark	43	Driver	414 23rd St.	Teamster	20 years

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